10/677,022

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=> file biosis medline caplus wpids uspatfull
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*** YOU HAVE NEW MAIL ***

=> s substrate (6a) acrylamide
L1          465 SUBSTRATE (6A) ACRYLAMIDE

=> s l1 and 40 (4a) acrylamide
L2           23 L1 AND 40 (4A) ACRYLAMIDE

=> s l2 and (thermochemi? or photochemic?)
L3            5 L2 AND (THERMOCHEMI? OR PHOTOCHEMIC?)

=> dup rem l3
PROCESSING COMPLETED FOR L3
L4             5 DUP REM L3 (0 DUPLICATES REMOVED)

=> d l4 bib abs 1-5

L4   ANSWER 1 OF 5  USPATFULL on STN
AN     2003:51106  USPATFULL
TI     Method of fabrication of microarray of gel-immobilized compounds on a
       chip by copolymerization
IN     Mirzabekov, Andrei, Darien, IL, UNITED STATES
       Timofeev, Edward, Moscow, RUSSIAN FEDERATION
       Vasiliskov, Vladim, Moscow, RUSSIAN FEDERATION
PI     US 2003036063       A1  20030220
       US 6656725          B2  20031202
AI     US 2001-930865      A1  20010815 (9)
DT     Utility
FS     APPLICATION
LREP   CHERSKOV & FLAYNIK, THE CIVIC OPERA BUILDING, 20 NORTH WACKER DRIVE,
       SUITE 1447, CHICAGO, IL, 60606
CLMN   Number of Claims: 18
ECL    Exemplary Claim: 1
DRWN   5 Drawing Page(s)
LN.CNT 528
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB     A method for making polymerized molecules is provided whereby a solution
       containing monomer is contacted to a solid substrate so as to form
       discrete accumulations of the monomer on the substrate; and the
       accumulations are contacted with a polymerizing agent, wherein the agent
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is dispersed in a vehicle which prevents cross contamination of the accumulations.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 5 USPATFULL on STN
AN 93:58945 USPATFULL
TI Modification of polymeric surface by graft polymerization
IN Cahalan, Patrick T., Stein, Netherlands
Verhoeven, Michel, Maastricht, Netherlands
PA Medtronic, Inc., Minneapolis, MN, United States (U.S. corporation)
PI US 5229172 19930720
AI US 1993-5698 19930119
DT Utility
FS Granted
EXNAM Primary Examiner: Pianalto, Bernard
LREP Patton, Harold R., Latham, Daniel W.
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 638
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A method for modifying the surface characteristics of a polymeric material by irradiating a surface of the polymeric material in the presence of an oxygen and then grafting acrylamide to the irradiated surface by contacting the irradiated surface with an aqueous solution including acrylamide monomer and ceric ion. Grafted polymer surfaces with dense surface coverage are produced without using a deaerated monomer solution. Biofunctional molecules can be ionically or covalently bonded to the grafted surface.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 5 USPATFULL on STN
AN 91:36262 USPATFULL
TI Siloxane soluble (CH.sub.3).sub.3 SIO.sub.1/2 /SIO.sub.2 (M/Q) resins with amine and amide organofunctionality
IN Wright, Antony P., Rhodes, MI, United States
Varaprath, Padmakumari J., Midland, MI, United States
PA Dow Corning Corporation, Midland, MI, United States (U.S. corporation)
PI US 5013577 19910507
AI US 1990-570668 19900822 (7)
DT Utility
FS Granted
EXNAM Primary Examiner: Marquis, Melvyn I.; Assistant Examiner: Glass, M.
LREP Killworth, Gottman, Hagan & Schaeff
CLMN Number of Claims: 40
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 922
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Organosilicon amine capped resins are prepared by reacting silanol siloxane resins with a cyclic silazane. The product organosilicon amine capped resins are reacted with an acyl halide to yield siloxane resins with amide organofunctionality. The later reaction is especially useful for obtaining acrylamide organofunctionality which is polymerizable and useful in formulating coating compositions such as pressure sensitive adhesives.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 5 USPATFULL on STN
AN 75:68520 USPATFULL
TI Photopolymer lithographic plate element

IN Breslow, David S., Wilmington, DE, United States
Simpson, David A., Wilmington, DE, United States
PA Hercules Incorporated, Wilmington, DE, United States (U.S. corporation)
PI US 3926642 19751216
AI US 1974-454624 19740325 (5)
RLI Division of Ser. No. US 1972-305209, filed on 9 Nov 1972, now patented, Pat. No. US 3847609
DT Utility
FS Granted
EXNAM Primary Examiner: Smith, Ronald H.
LREP Staves, Marion C.
CLMN Number of Claims: 2
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1072
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention concerns a process for making photographic images. The process involves the photooxygenation of a film of an extralinearly unsaturated polymer containing allylic hydrogens, followed by treatment of the exposed film with a reactant which will form a graft polymer structure in the exposed areas of the film.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 5 USPATFULL on STN
AN 74:52517 USPATFULL
TI PHOTOPOLYMER PROCESS FORMING GRAFT POLYMERS IN EXPOSED AREAS
IN Breslow, David W., Wilmington, DE, United States
Simpson, David A., Wilmington, DE, United States
PA Hercules Incorporated, Wilmington, DE, United States (U.S. corporation)
PI US 3847609 19741112
AI US 1972-305209 19721109 (5)
DT Utility
FS Granted
EXNAM Primary Examiner: Brown, J. Travis
LREP Staves, Marion C., Whitson, John W.
CLMN Number of Claims: 26
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1129
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention concerns a process for making photographic images. The process involves the photooxygenation of a film of an extralinearly unsaturated polymer containing allylic hydrogens, followed by treatment of the exposed film with a reactant which will form a graft polymer structure in the exposed areas of the film.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.